

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039134.D
 Acq On : 15 Jan 2019 15:58
 Operator : JU/SJ
 Sample : K1139-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 15 16:59:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

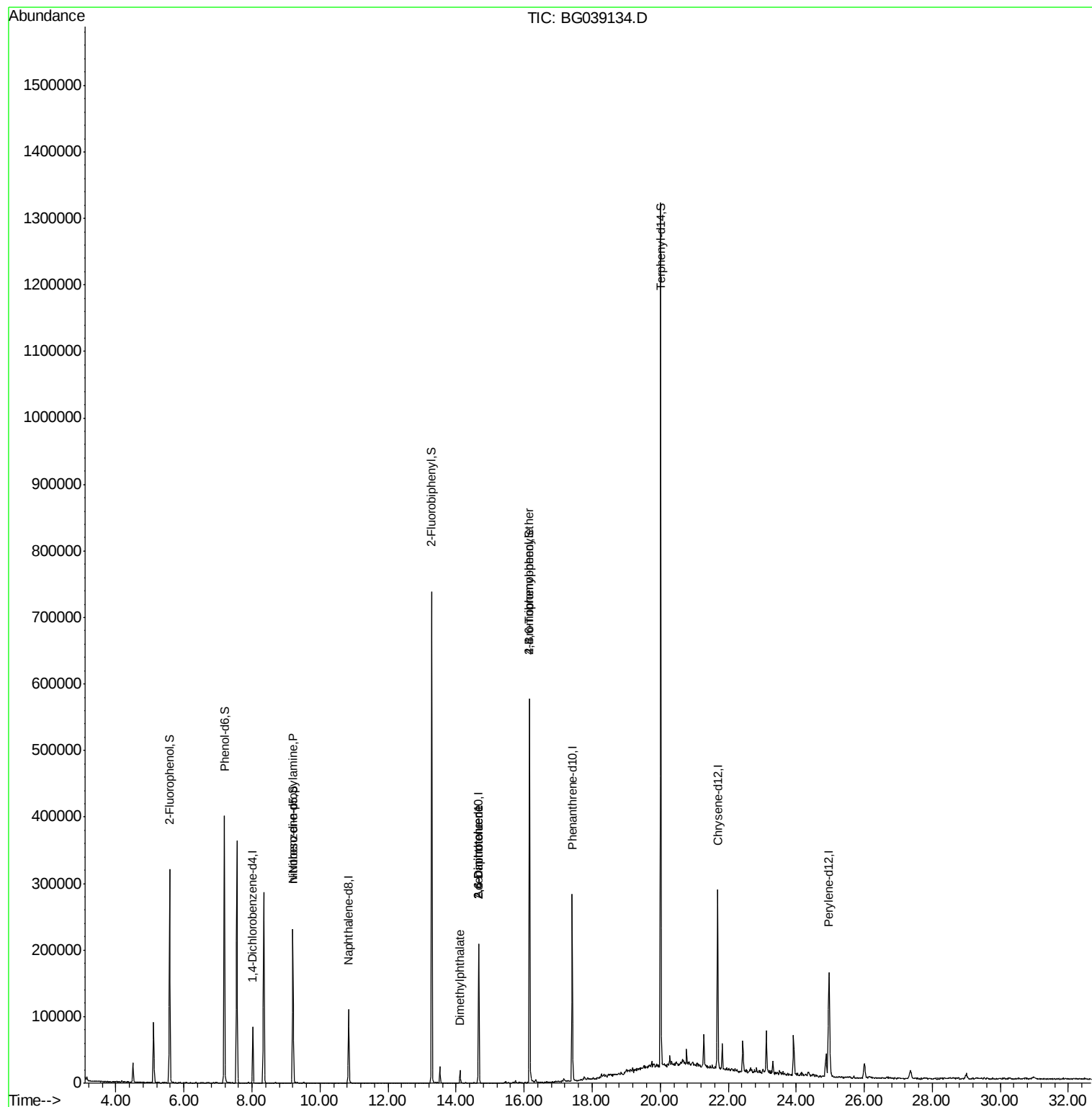
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26722	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	103406	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	79646	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	187581	20.00	ng	0.00
76) Chrysene-d12	21.69	240	180981	20.00	ng	-0.01
87) Perylene-d12	24.96	264	202323	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	150263	106.67	ng	0.00
7) Phenol-d6	7.19	99	244897	120.80	ng	0.00
23) Nitrobenzene-d5	9.20	82	149106	78.90	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	134462	100.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	411721	70.75	ng	0.00
79) Terphenyl-d14	20.02	244	679070	69.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	19410	14.580	ng	# 61
50) Dimethylphthalate	14.12	163	17120	2.544	ng	# 95
51) 2,6-Dinitrotoluene	14.66	165	10469	6.957	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	10469	4.849	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	8606	3.569	ng	# 1

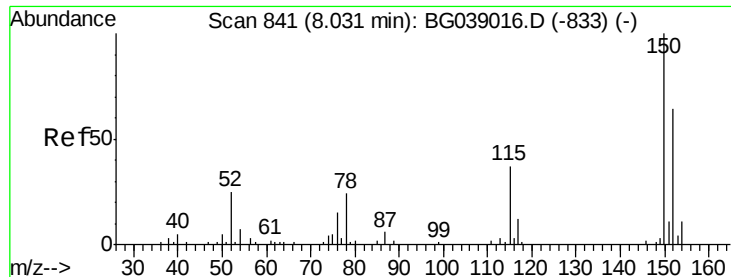
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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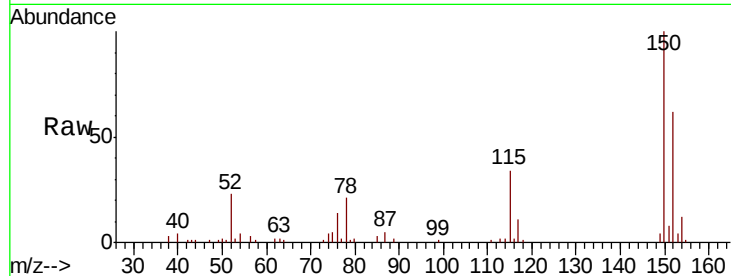


#1

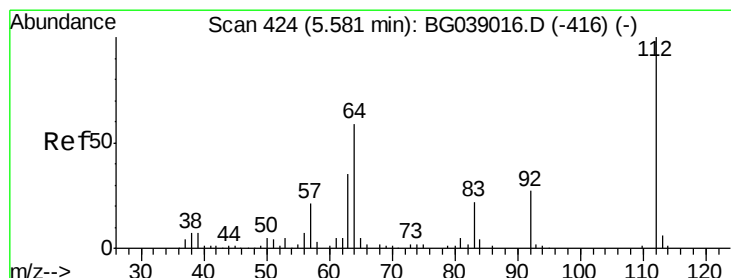
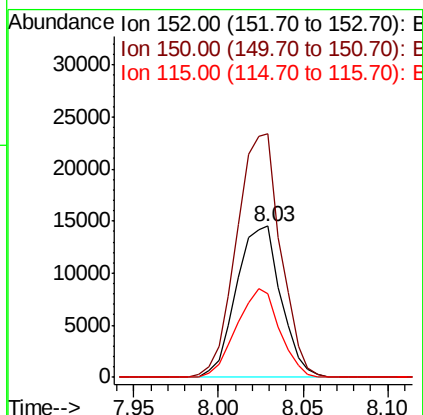
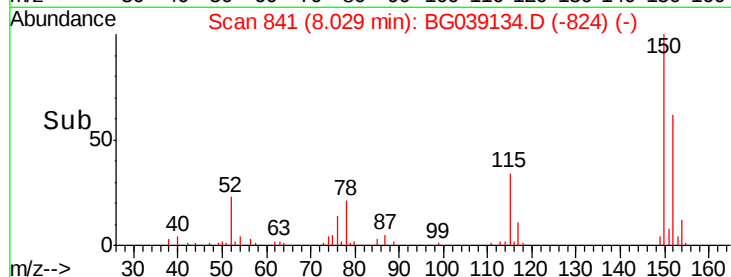
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26722
Ion Ratio Lower Upper
152 100
150 161.0 124.7 187.1
115 55.0 46.5 69.7



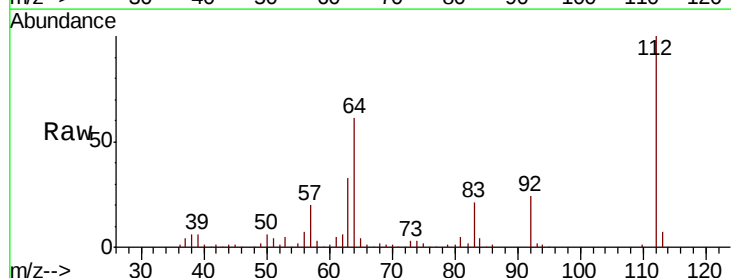
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



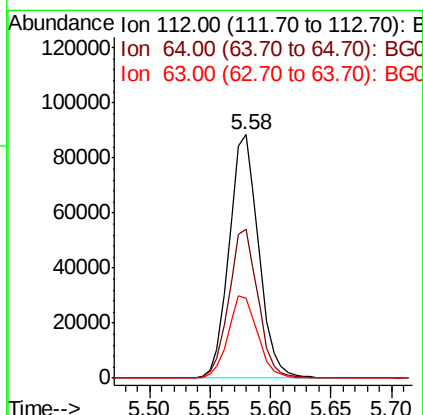
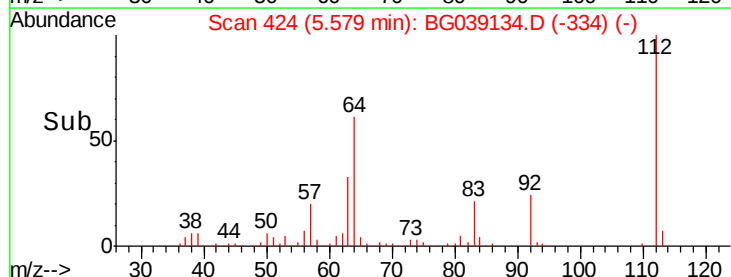
#5

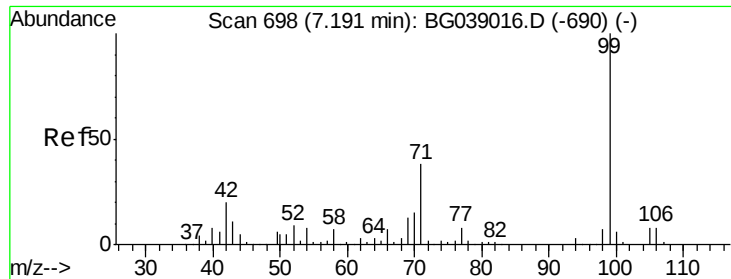
2-Fluorophenol
Concen: 106.671 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Tgt Ion:112 Resp: 150263
Ion Ratio Lower Upper
112 100
64 61.2 47.0 70.6
63 32.6 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.803 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_G

ClientSampleId :

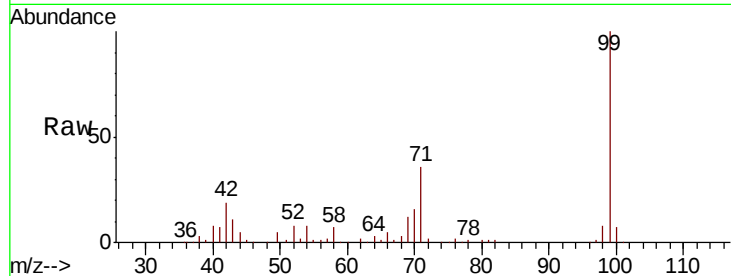
Tot Ion: 99 Resp: 244897

Ion Ratio Lower Upper

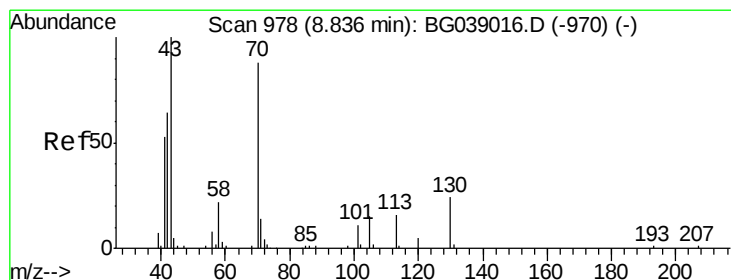
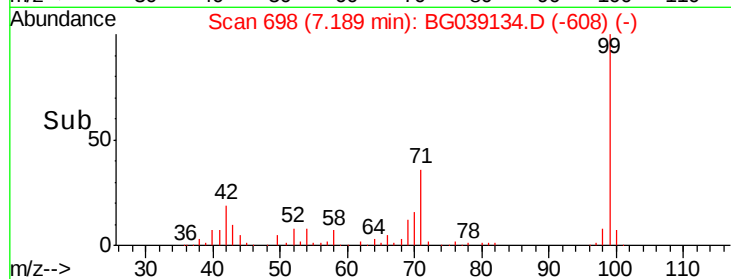
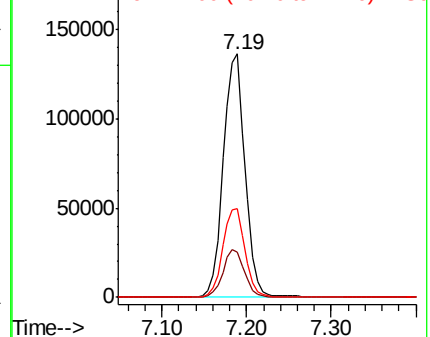
99 100

42 18.5 15.8 23.6

71 36.4 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 14.580 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Tgt Ion: 70 Resp: 19410

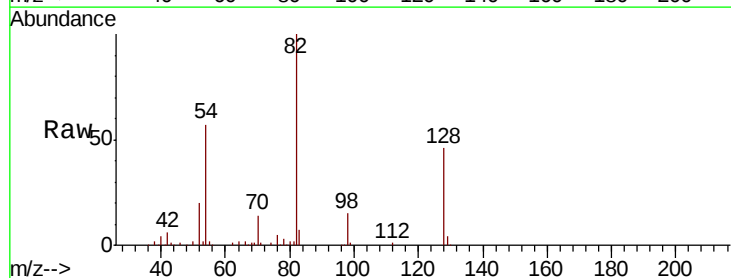
Ion Ratio Lower Upper

70 100

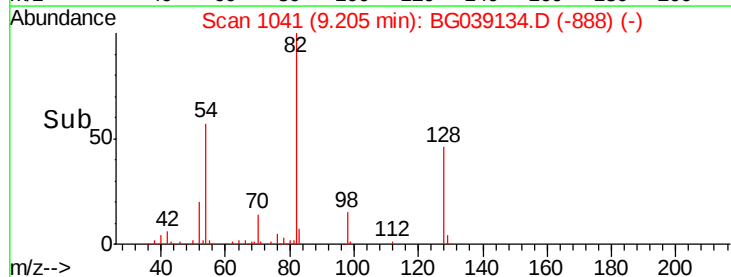
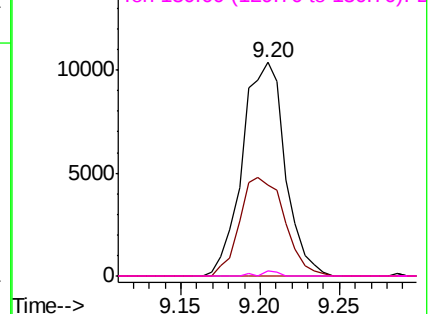
42 42.7 59.0 88.4#

101 0.0 10.4 15.6#

130 2.4 21.6 32.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

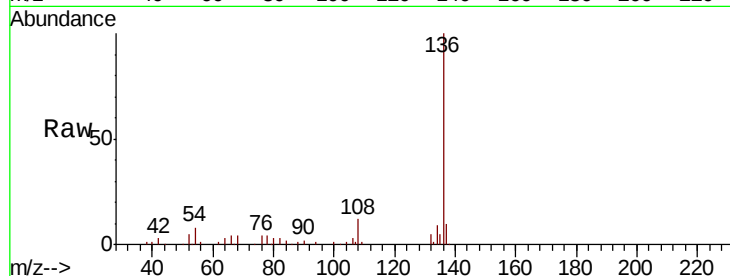




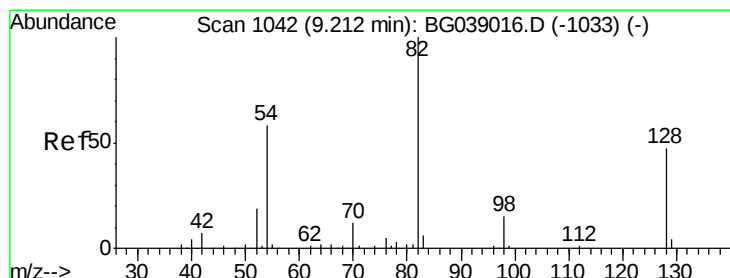
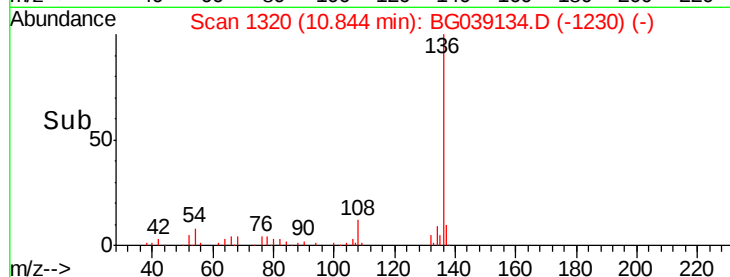
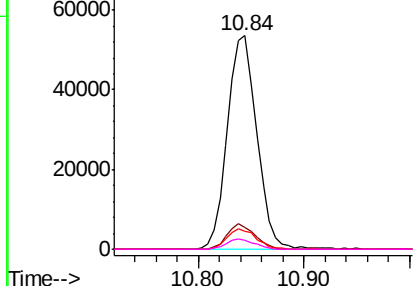
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	103406
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.4 14.2
54	8.5	7.2 10.8
68	4.4	3.5 5.3

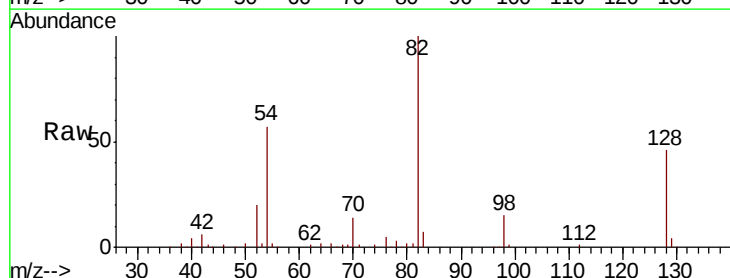


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

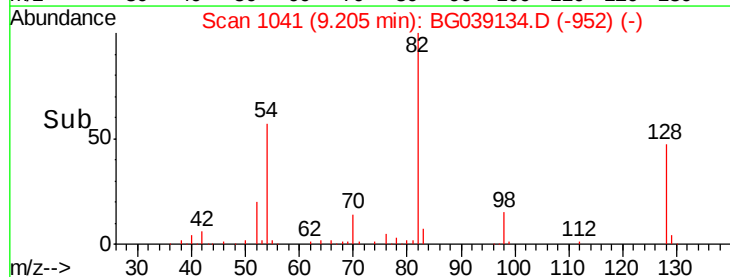
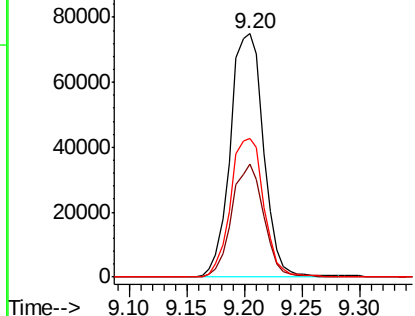


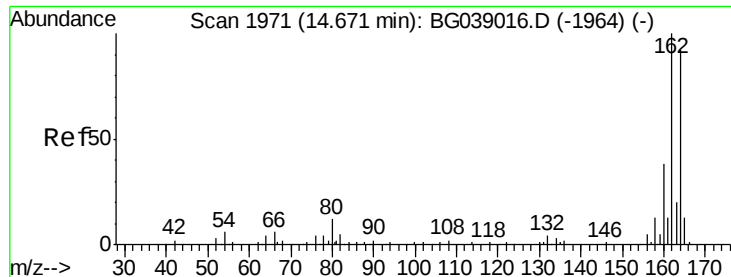
#23
Nitrobenzene-d5
Concen: 78.903 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Tgt Ion: 82	Resp:	149106
Ion	Ratio	Lower Upper
82	100	
128	46.5	37.3 55.9
54	56.9	46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_G

ClientSampleId :

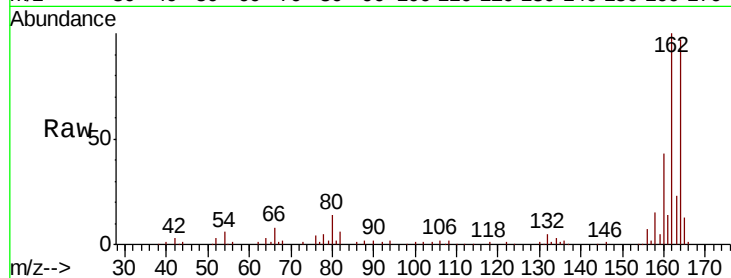
Tot Ion:164 Resp: 79646

Ion Ratio Lower Upper

164 100

162 102.9 87.2 130.8

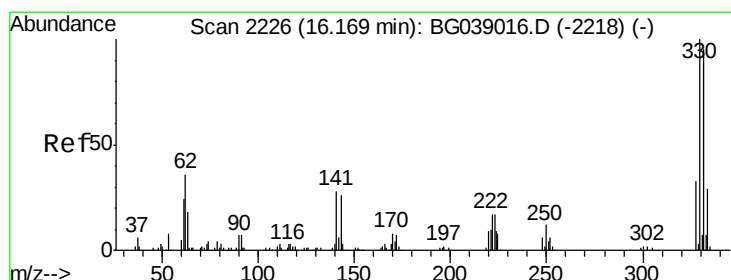
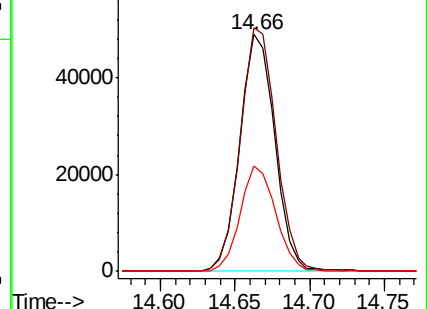
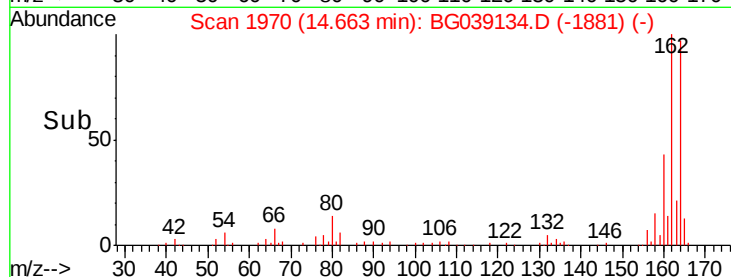
160 44.5 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 100.714 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

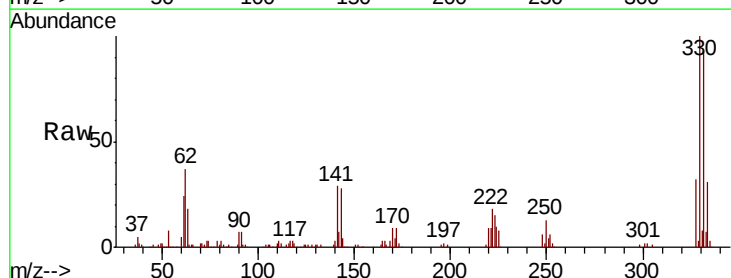
Tgt Ion:330 Resp: 134462

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

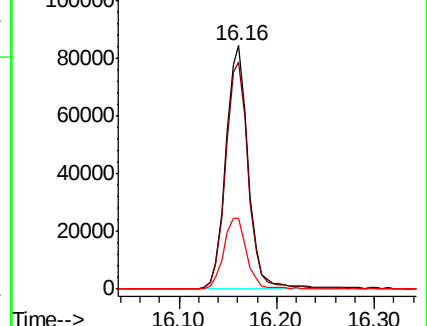
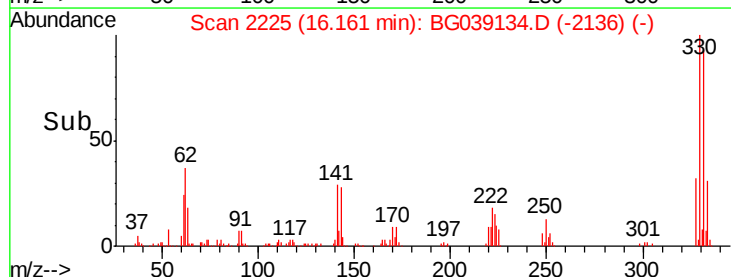
141 29.9 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

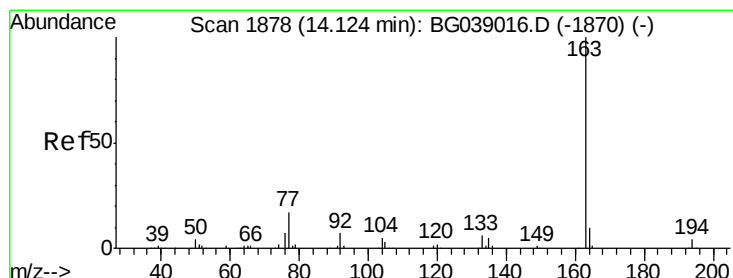
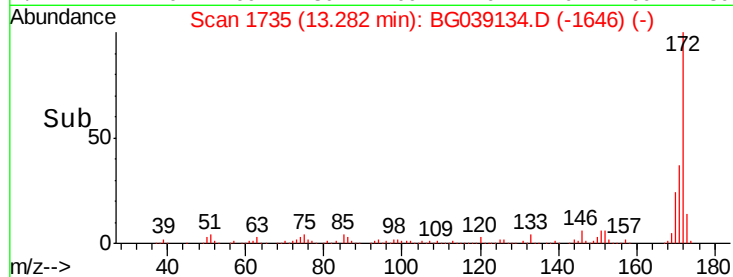
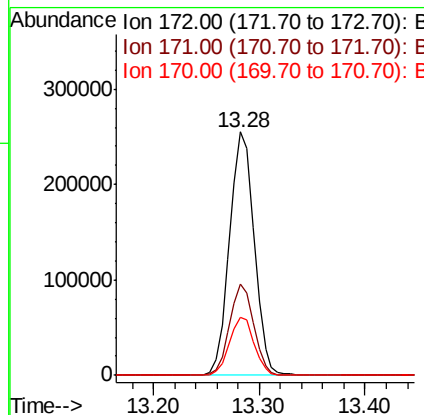
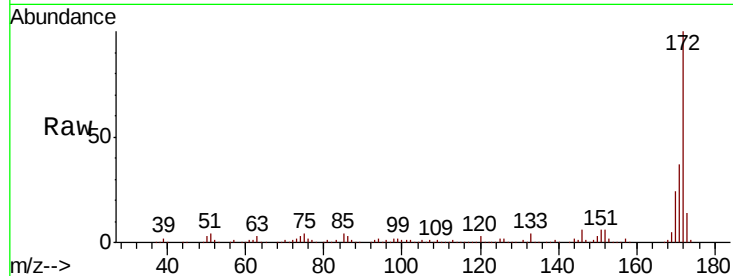




#45
 2-Fluorobiphenyl
 Concen: 70.746 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039134.D
 Acq: 15 Jan 2019 15:58

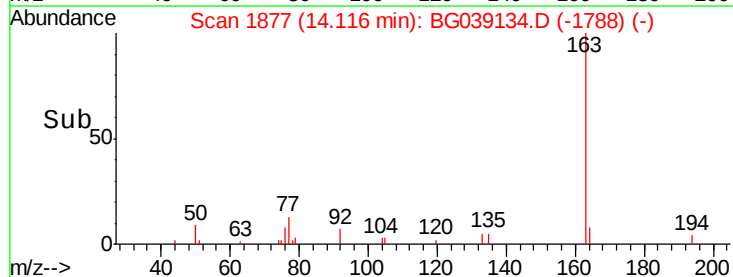
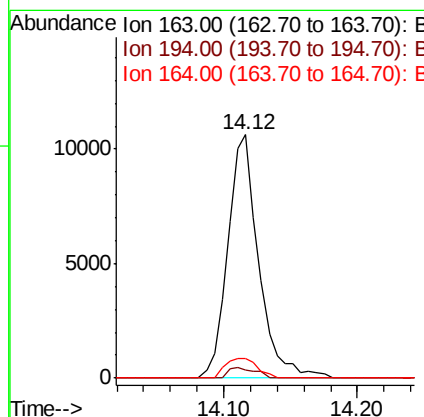
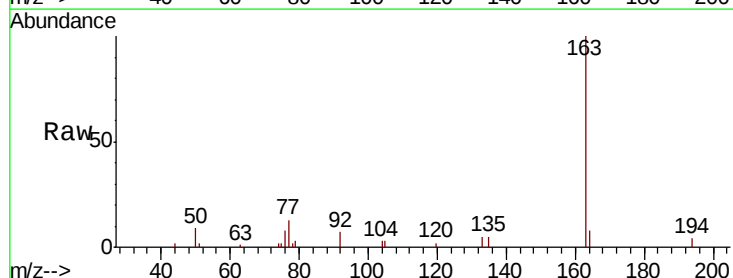
Instrument :
 BNA_G
 ClientSampleId :

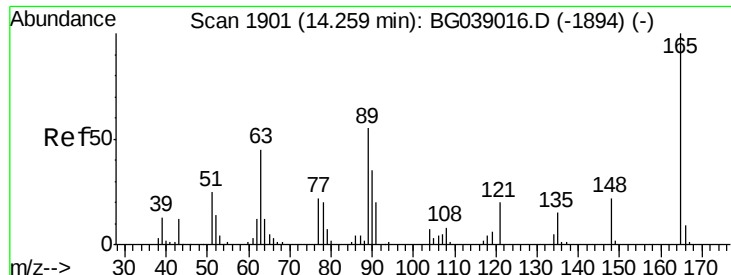
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	23.8	20.1	30.1



#50
 Dimethylphthalate
 Concen: 2.544 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: BG039134.D
 Acq: 15 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	8.2	8.2	12.2

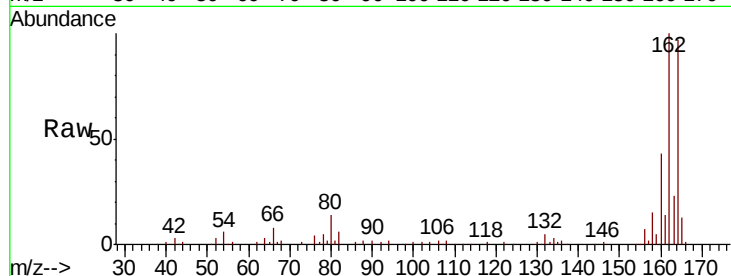




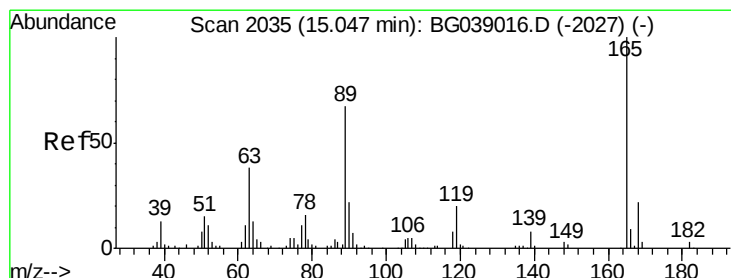
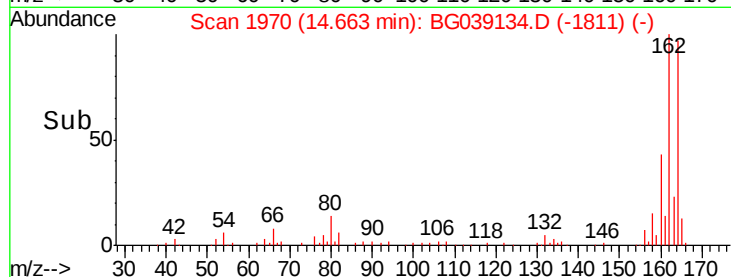
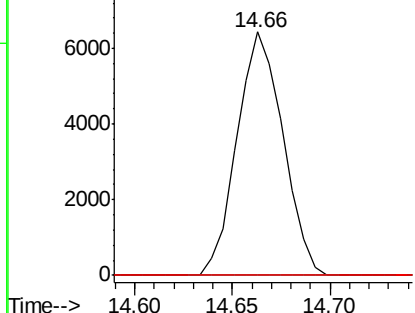
#51
 2,6-Dinitrotoluene
 Concen: 6.957 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG039134.D
 Acq: 15 Jan 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#



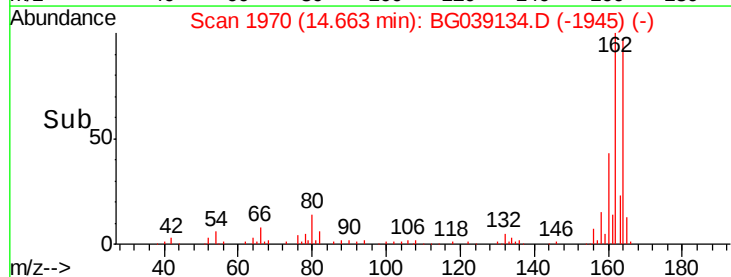
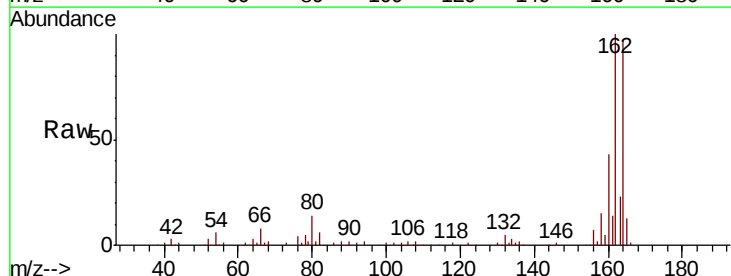
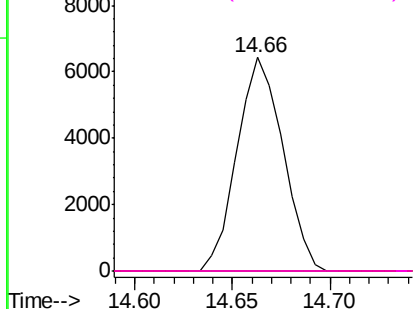
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

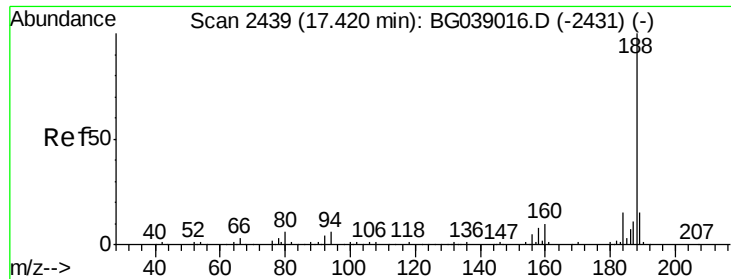


#57
 2,4-Dinitrotoluene
 Concen: 4.849 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG039134.D
 Acq: 15 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_G

ClientSampleId :

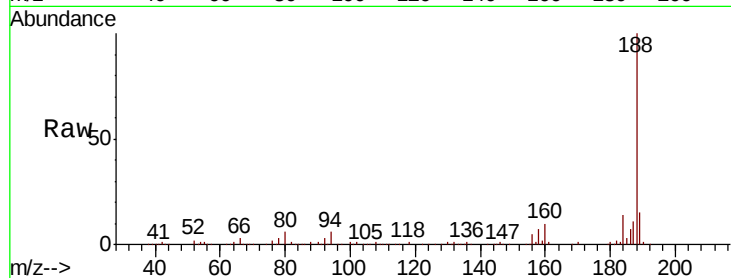
Tot Ion:188 Resp: 187581

Ion Ratio Lower Upper

188 100

94 6.1 5.0 7.4

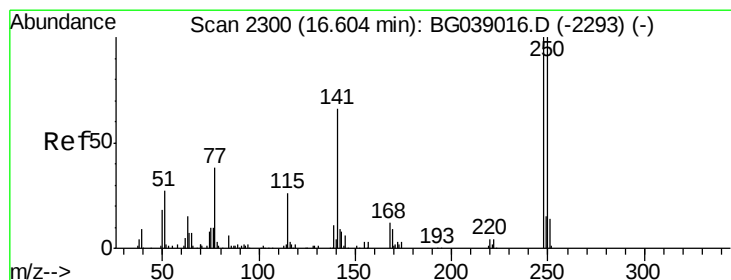
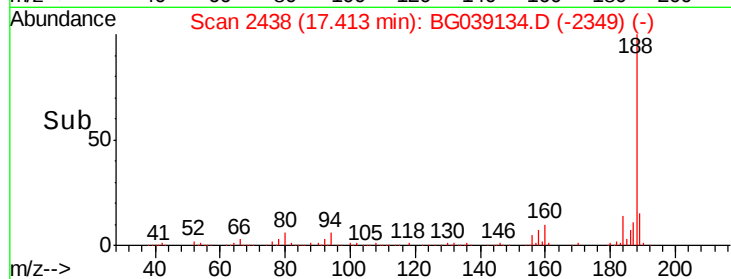
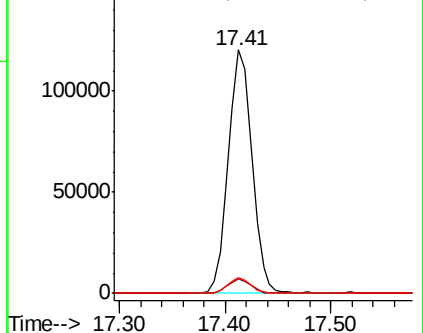
80 6.4 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 3.569 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG039134.D

Acq: 15 Jan 2019 15:58

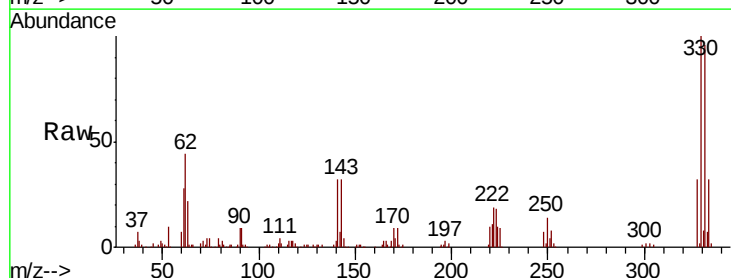
Tgt Ion:248 Resp: 8606

Ion Ratio Lower Upper

248 100

250 198.1 79.9 119.9#

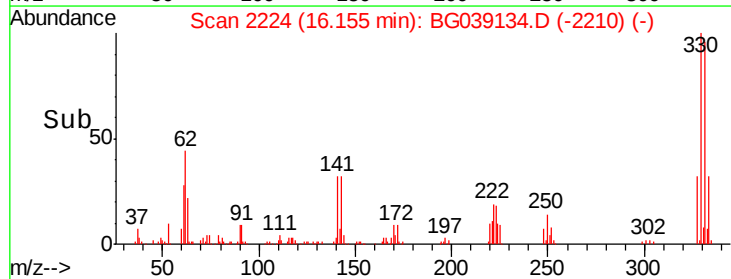
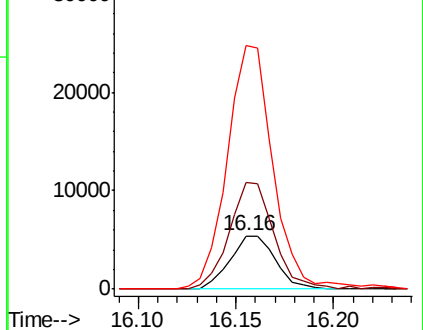
141 348.5 52.7 79.1#

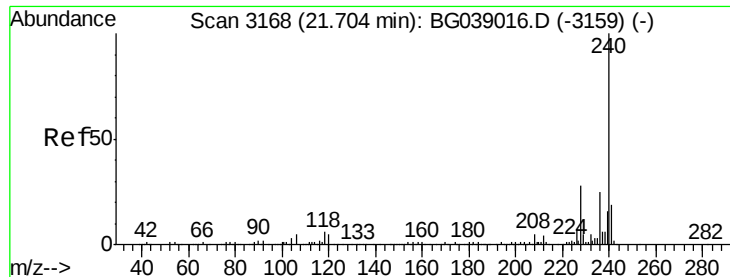


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

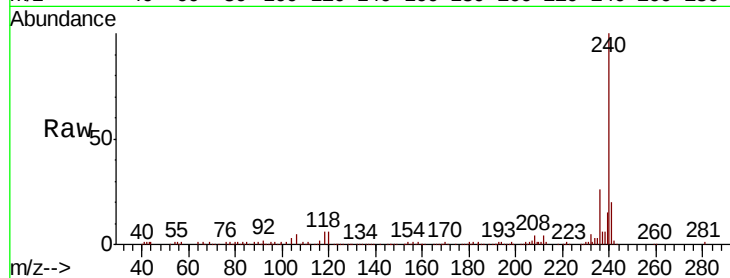




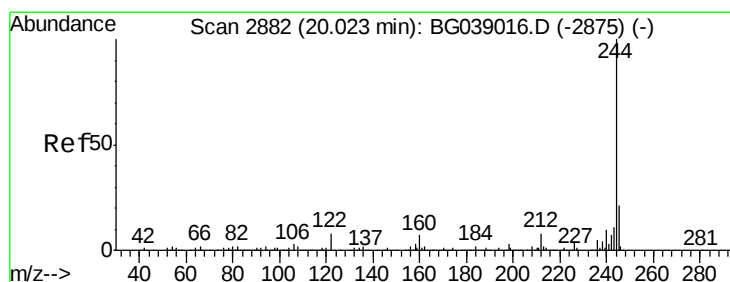
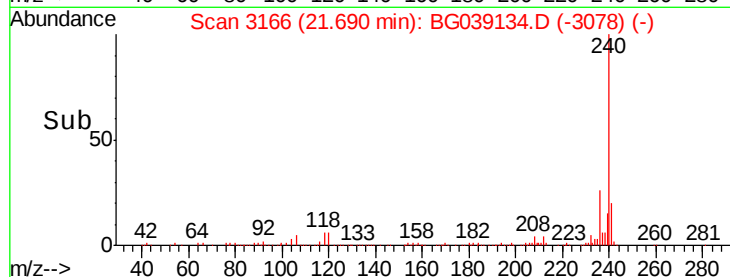
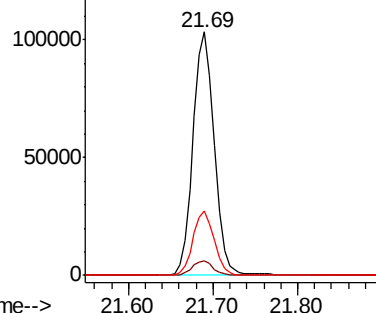
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 180981
Ion Ratio Lower Upper
240 100
120 5.7 4.3 6.5
236 26.5 20.1 30.1

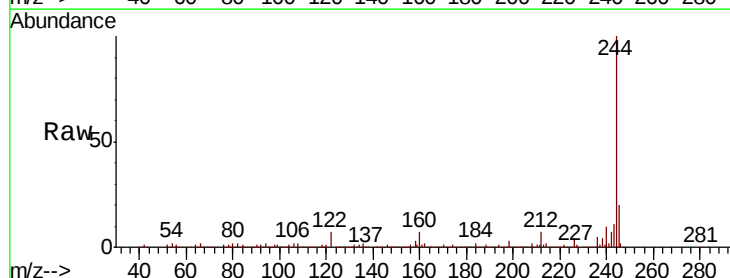


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

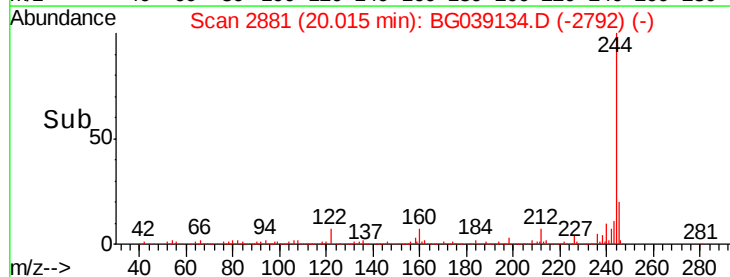
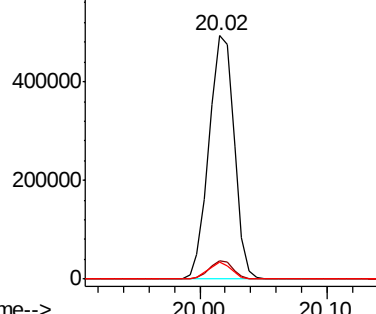


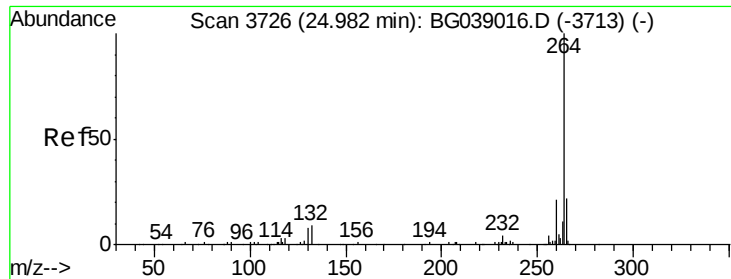
#79
Terphenyl-d14
Concen: 69.411 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039134.D
Acq: 15 Jan 2019 15:58

Tgt Ion:244 Resp: 679070
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.8 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.96 min Scan# 3723
 Delta R.T. -0.02 min
 Lab File: BG039134.D
 Acq: 15 Jan 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	21.3	17.2	25.8

